

# WILLAPA BAY – NORTH RIVER/SMITH CREEK WINTER STEELHEAD

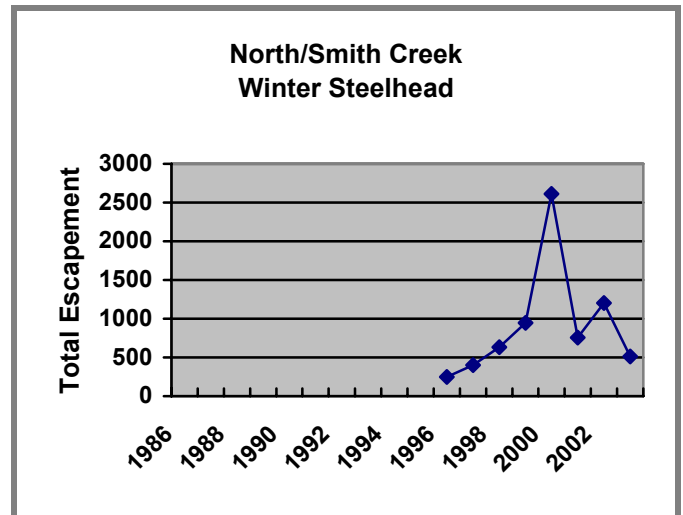
## STOCK STATUS

1992 STATUS	2002 STATUS
Unknown	Healthy

## STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: *Good*

YEAR	TOTAL ESCAPEMENT
1996	248
1997	401
1998	633
1999	946
2000	2,613
2001	756
2002	1,204
2003	514



Data are total escapement estimates based on redd counts in index areas within North River and Smith Creek.

North River/Smith Creek winter steelhead are rated as **Healthy** in 2002. Escapement has been monitored since 1996 with an increase to the highest value of 2,613 fish in 2000.

## STOCK DEFINITION

North River/Smith Creek winter steelhead were identified as a stock based on their distinct spawning distribution.

**SPAWNING DISTRIBUTION:** Most spawning takes place in the mainstem North River as well as in Pioneer and Fall creeks. Spawning also occurs in tributaries such as Smith, Clearwater, Ramie, Redfield and Salmon creeks.

**SPAWNING TIMING:** Spawning generally occurs February through May.

**GENETIC ANALYSIS:** Genetic analysis has not been done on North/Smith Creek winter steelhead.

## STOCK ORIGIN

This is a **native** stock with **wild** production.